



SUPPLEMENTAL WORKSHOPS IN MATH

INSTRUCTIONAL STUDENT ASSISTANT (ISA)

Program Information

Supplemental Workshops in Math (SWM) has been at Cal Poly since fall 1991. Its purpose is to enhance concept mastery and promote collaborative learning in challenging lower division classes which often have a D/F rate >20% with the intent of increasing student success and pass rates. Upper division peer facilitators lead semiweekly workshops for classes in mathematics during the fall, winter, and spring quarters. Supplemental Workshops are offered for the following courses:

- MATH 141
- MATH 142
- MATH 143
- MATH 161
- MATH 162
- MATH 182
- MATH 221
- MATH 241
- MATH 244

Facilitator Candidate Requirements

- Currently enrolled Cal Poly student in good standing with a minimum cumulative GPA of 3.0;
- Has taken and earned AP/IB credit or a final grade of B+ or greater for one or more of the listed classes;
- Has an interest and the ability to work with peers in small, collaborative group settings;
- Can supply one positive recommendation from a Cal Poly professor;
- Engages and interacts with others regardless of culture, socio-economic level, gender, ethnic, origin, etc.

General Duties

- *Group Leadership* – attend lectures, take notes, and prepare lesson plans weekly. Lead one workshop twice weekly for 1.5 hours (3 total workshop hours). Meet with lecture professor weekly. Develop worksheets, practice quizzes/exams, and games to aid students in concept mastery. Take attendance at all workshop sessions. Administer program assessment at end of quarter. Assign final grades of CR/NC.
- *Meetings* – attend weekly staff meeting on Thursdays from 11 AM to noon.
- *Expectations* – arrive for your group on time; be knowledgeable in the subject you are facilitating; submit all program paperwork (schedules, evaluations, etc.) in a timely fashion; conduct yourself in a professional manner at all times.
- *Time Commitment* – each facilitator is expected to spend approximately 13-15 hours each week as follows:
 - 1 hour – weekly staff meeting
 - 1 hour – meeting with professor
 - 4 hours – preparation time (creating worksheets, lesson plans, etc.)
 - 4 hours – attend all lectures
 - 3 hours – two, 1.5-hour workshop sessions

Essential Qualities and Approaches

A facilitator should promote a sense of **community**, encourage communication, and strengthen **collaboration**. **Creativity** along with the **courage** to try innovative ideas will prove invaluable. **“Thinking on your feet”** and responding with an **open mind** are essential. **Respect** for students’ ideas, individuality,



mistakes, and growth are necessary to establishing and maintaining rapport. **Offer support** and **accept feedback** when appropriate.

Salary – Starting salary is \$16.00 per hour.

Program Training

If the applicant meets position selection requirements during the interview, he or she will partake in a paid training program (approximately 40 total hours) prior to beginning his or her first quarter as a facilitator. All facilitators are required to complete the **MANDATORY** Instructional Student Assistant (ISA) Training (2-3 hour zoom modules). If during training, a candidate does not demonstrate the qualities and commitments for the position, the offer may be rescinded.

Supervisor: Lydia Keema, Coordinator
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Application Process

1. Complete the application using MS Word and send to swm@calpoly.edu . (Do not submit as a PDF.)
2. Email the recommendation form to one Cal Poly professor. He or she will complete and return separately.